Table ENG-2. - Construction Materials

Spotsylvania County, Virginia

The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The smaller the value, the greater the limitation.

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mai		Potential Source of Roadfill	!	Potential Sourc of Topsoil	е
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
B: Abell	80	Fair		Fair		Fair	
		Low content of	0.13	Depth to saturated	0.98	Depth to saturated	0.98
		organic matter Too acid	0.54	zone		zone Too acid	0.98
Appling	7	Not Rated		Not Rated		Not Rated	
Cecil	7	Not Rated		Not Rated		Not Rated	
Partlow	6	Not Rated		Not Rated		Not Rated	
PB:							
Altavista	85	Poor Low content of	0.00	Fair Depth to saturated	0.53	Fair Depth to saturated	0.53
		organic matter		zone	0.00	zone	
		Too acid	0.21			Too acid	0.76
Wickham	8	Not Rated		Not Rated		Not Rated	
Aquults	7	Not Rated		Not Rated		Not Rated	
BB:							
Appling	80	Poor	0.00	Poor	0.00	Poor	0.00
		Too clayey Low content of	0.00 0.13	Low strength	0.00	Too Clayey Too acid	0.00 0.88
		organic matter Too acid	0.32				
Abell	5	Not Rated		Not Rated		Not Rated	
Colfax	5	Not Rated		Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated		Not Rated	
Spotsylvania	5	Not Rated		Not Rated		Not Rated	
IC2:							
Appling	50	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13			Slope Too acid	0.63 0.88
		Too acid	0.32			100 4014	0.00
Wedowee	35	Poor		Good		Poor	
		Too clayey	0.00			Too Clayey	0.00
		Low content of	0.13			Too acid	0.60
		organic matter Too acid	0.50			Slope	0.63

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill)	Potential Source of Topsoil	е
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4C2: Colfax	5	Not Rated		Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated		Not Rated	
Partlow	5	Not Rated		Not Rated		Not Rated	
4D2:							
Appling	40	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.32	Poor Low strength Slope	0.00 0.50	Poor Slope Too Clayey Too acid	0.00 0.00 0.88
Wedowee	40	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.50	Fair Slope	0.50	Poor Slope Too Clayey Too acid	0.00 0.00 0.60
Louisburg	10	Not Rated		Not Rated		Not Rated	
Partlow	10	Not Rated		Not Rated		Not Rated	
5:							
Aquults	80	Fair Too acid Low content of organic matter	0.12 0.13	Poor Depth to saturated zone Low strength	0.00	Poor Depth to saturated zone Too acid	0.00 0.60
Faceville	10	Not Rated		Not Rated		Not Rated	
Savannah	10	Not Rated		Not Rated		Not Rated	
6: Aquults	85	Fair Too acid Low content of organic matter	0.12 0.13	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone Hard to reclaim Too acid	0.00 0.08 0.60
Altavista	8	Not Rated		Not Rated		Not Rated	
Wickham	7	Not Rated		Not Rated		Not Rated	
7B: Aquults	40	Fair Too acid Low content of organic matter	0.12 0.13	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone Too acid	0.00



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	e	Potential Source of Topsoil	e
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
7B: Margo	40	Poor Low content of organic matter Too acid	0.00 0.32	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.53 0.87	Fair Depth to saturated zone Too acid	0.53 0.88
Brockroad	5	Not Rated		Not Rated		Not Rated	
LaRoque	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	
8B: Bama	85	Poor Low content of organic matter Too acid	0.00 0.32	Good		Fair Too acid	0.88
Emporia	5	Not Rated		Not Rated		Not Rated	
Kempsville	5	Not Rated		Not Rated		Not Rated	
Savannah	5	Not Rated		Not Rated		Not Rated	
8C: Bama	85	Poor Low content of organic matter Too acid	0.00 0.32	Good		Fair Slope Too acid	0.63 0.88
Emporia	5	Not Rated		Not Rated		Not Rated	
Kempsville	5	Not Rated		Not Rated		Not Rated	
Savannah	5	Not Rated		Not Rated		Not Rated	
9B: Brockroad	80	Poor Low content of organic matter Too clayey Too acid	0.00 0.00 0.32	Poor Low strength Shrink-swell	0.00 0.87	Poor Too Clayey Too acid	0.00 0.88
Catharpin	7	Not Rated		Not Rated		Not Rated	
Nason	7	Not Rated		Not Rated		Not Rated	
Toddstav	6	Not Rated		Not Rated		Not Rated	
10:							

Map Symbol	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill		Potential Source of Topsoil	Э
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
10: Cartecay	85	Fair Too acid Low content of organic matter	0.84 0.88	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone Rock fragments	0.00
Abell	5	Not Rated		Not Rated		Not Rated	
Тоссоа	5	Not Rated		Not Rated		Not Rated	
Wickham	5	Not Rated		Not Rated		Not Rated	
11B: Catharpin	80	Poor Low content of organic matter Too clayey Too acid	0.00 0.00 0.32	Poor Low strength Shrink-swell	0.00 0.87	Poor Too Clayey Hard to reclaim Too acid	0.00 0.50 0.88
Brockroad	5	Not Rated		Not Rated		Not Rated	
Margo	5	Not Rated		Not Rated		Not Rated	
Nason	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	
12B: Cecil	80	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.32	Poor Low strength	0.00	Poor Too Clayey Too acid	0.00 0.88
Abell	7	Not Rated		Not Rated		Not Rated	
Colfax	7	Not Rated		Not Rated		Not Rated	
Louisburg	6	Not Rated		Not Rated		Not Rated	
13C2: Cecil	45	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.32	Poor Low strength	0.00	Poor Too Clayey Slope Too acid	0.00 0.63 0.88
Pacolet	35	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.54	Good		Poor Too Clayey Slope Too acid	0.00 0.63 0.98

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill)	Potential Source of Topsoil	Э
and Soli Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
13C2:							
Abell	4	Not Rated		Not Rated		Not Rated	
Colfax	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Louisburg	4	Not Rated		Not Rated		Not Rated	
Partlow	4	Not Rated		Not Rated		Not Rated	
13D2:							
Cecil	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Too Clayey	0.00
		Too acid	0.32			Too acid	0.88
Pacolet	40	Poor		Fair		Poor	
		Too clayey	0.00	Slope	0.50	Slope	0.00
		Low content of	0.13			Too Clayey	0.00
		organic matter Too acid	0.54			Too acid	0.98
		100 acid	0.54				
Abell	7	Not Rated		Not Rated		Not Rated	
Louisburg	7	Not Rated		Not Rated		Not Rated	
Partlow	6	Not Rated		Not Rated		Not Rated	
14B:							
Colfax	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to cemented	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	pan Depth to saturated	0.00	Depth to saturated	0.00
		Too acid	0.12	zone		zone	
						Too acid	0.60
Abell	5	Not Rated		Not Rated		Not Rated	
Appling	5	Not Rated		Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated		Not Rated	
Partlow	5	Not Rated		Not Rated		Not Rated	
14C:							

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill		Potential Source of Topsoil	9
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
14C:							
Colfax	80	Poor		Poor		Poor	
		Droughty Too acid	0.00 0.12	Depth to cemented pan	0.00	Depth to saturated zone	0.00
		Depth to cemented	0.12	Depth to saturated	0.00	Depth to cemented	0.16
		pan		zone		pan Too acid	0.60
Abell	5	Not Rated		Not Rated		Not Rated	
Appling	5	Not Rated		Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated		Not Rated	
Partlow	5	Not Rated		Not Rated		Not Rated	
15B2:							
Cullen	80	Poor		Fair		Poor	
		Low content of organic matter	0.00	Shrink-swell	0.87	Too Clayey	0.00
		Too clayey Too acid	0.00 0.74				
Fluvanna	5	Not Rated		Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated		Not Rated	
Poindexter	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
15C2:							
Cullen	80	Poor		Fair		Poor	
		Low content of	0.00	Shrink-swell	0.87	Too Clayey	0.00
		organic matter Too clayey	0.00			Slope	0.63
		Too acid	0.74				
Fluvanna	5	Not Rated		Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated		Not Rated	
Poindexter	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
15D2:							
Cullen	80	Poor		Fair		Poor	
		Low content of	0.00	Slope	0.50	Slope	0.00
		organic matter Too clayey	0.00	Shrink-swell	0.87	Too Clayey	0.00
		Too clayey Too acid	0.00				

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat	_	Potential Source of Roadfill		Potential Sourc of Topsoil	е
and don Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15D2:							
Fluvanna	5	Not Rated		Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated		Not Rated	
Poindexter	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
16:							
Dogue	85	Poor		Poor		Poor	
_		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Depth to saturated	0.76	Too acid	0.60
		Low content of	0.13	zone		Depth to saturated	0.76
		organic matter		Shrink-swell	0.93	zone	
Altavista	5	Not Rated		Not Rated		Not Rated	
Aquults	5	Not Rated		Not Rated		Not Rated	
Wickham	5	Not Rated		Not Rated		Not Rated	
17C:							
Dystrochrepts	50	Poor		Good		Fair	
, ,		Wind erosion	0.00			Slope	0.63
		Too acid	0.54			Too acid	0.98
		Droughty	0.75				
Udults	40	Fair		Good		Fair	
		Too acid	0.12			Rock fragments	0.50
		Low content of	0.13			Too acid	0.60
		organic matter				Slope	0.63
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Udifluvents	5	Not Rated		Not Rated		Not Rated	
17D:							
Dystrochrepts	50	Poor		Fair		Poor	
		Wind erosion	0.00	Slope	0.50	Slope	0.00
		Too acid	0.54			Too acid	0.98
		Droughty	0.75				
Udults	40	Fair		Fair		Poor	
		Too acid	0.12	Slope	0.50	Slope	0.00
		Low content of	0.13			Rock fragments	0.50
		organic matter				Too acid	0.60
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Udifluvents	5	Not Rated		Not Rated		Not Rated	

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mate		Potential Source of Roadfill		Potential Source of Topsoil)
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17E:							
Dystrochrepts	50	Poor		Poor		Poor	
		Wind erosion Too acid	0.00 0.54	Slope	0.00	Slope Too acid	0.00 0.98
		Droughty	0.54			100 aciu	0.96
Udults	40	Fair		Poor		Poor	
		Too acid	0.12	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13			Rock fragments Too acid	0.50 0.60
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Udifluvents	5	Not Rated		Not Rated		Not Rated	
18B:							
Emporia	80	Fair		Good		Fair	
		Low content of organic matter	0.13			Too acid	0.98
		Too acid	0.54				
Faceville	7	Not Rated		Not Rated		Not Rated	
Goldsboro	7	Not Rated		Not Rated		Not Rated	
Mattaponi	6	Not Rated		Not Rated		Not Rated	
18C:							
Emporia	80	Fair	0.40	Good		Fair	0.00
		Low content of organic matter	0.13			Slope Too acid	0.63 0.98
		Too acid	0.54			Too acid	0.90
Faceville	7	Not Rated		Not Rated		Not Rated	
Goldsboro	7	Not Rated		Not Rated		Not Rated	
Mattaponi	6	Not Rated		Not Rated		Not Rated	
19B:							
Faceville	85	Poor		Fair		Poor	
		Wind erosion	0.00	Low strength	0.22	Too Clayey Too acid	0.00
		Low content of organic matter	0.00			l oo acid	0.98
		Too clayey	0.00				
Emporia	5	Not Rated		Not Rated		Not Rated	
Goldsboro	5	Not Rated		Not Rated		Not Rated	
Savannah	5	Not Rated		Not Rated		Not Rated	

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill		Potential Source of Topsoil	Э
and Soli Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
20B:	•		•				•
Faceville	40	Poor		Fair		Poor	
		Wind erosion Low content of organic matter	0.00	Low strength	0.22	Too Clayey Too acid	0.00 0.98
		Too clayey	0.00				
Marlboro	40	Poor		Poor		Poor	
		Low content of organic matter	0.00	Low strength	0.00	Too Clayey Too acid	0.00
		Too clayey	0.00			100 acid	0.98
		Too acid	0.54				
Emporia	7	Not Rated		Not Rated		Not Rated	
Goldsboro	7	Not Rated		Not Rated		Not Rated	
Savannah	6	Not Rated		Not Rated		Not Rated	
20C2:							
Faceville	45	Poor		Fair		Poor	
		Wind erosion	0.00	Low strength	0.22	Too Clayey	0.00
		Low content of	0.00			Slope	0.63
		organic matter Too clayey	0.00			Too acid	0.98
Manthana	0.5			Danie		Davis	
Marlboro	35	Poor	0.00	Poor	0.00	Poor	0.00
		Low content of organic matter	0.00	Low strength	0.00	Too Clayey Slope	0.00 0.63
		Too clayey	0.00			Too acid	0.98
		Too acid	0.54				
Emporia	7	Not Rated		Not Rated		Not Rated	
Mattaponi	7	Not Rated		Not Rated		Not Rated	
Savannah	6	Not Rated		Not Rated		Not Rated	
21B:							
Faceville	45	Poor		Fair		Poor	
		Wind erosion	0.00	Low strength	0.22	Too Clayey	0.00
		Low content of	0.00			Too acid	0.98
		organic matter Too clayey	0.00				
Varina	35	Poor		Poor		Poor	
v Gillia	55	Low content of	0.00	Low strength	0.00	Too Clayey	0.00
		organic matter	0.00	Low on onigni	5.00	Too clayey Too acid	0.88
		Too clayey	0.00				0.00
		Too acid	0.50				
Emporia	5	Not Rated		Not Rated		Not Rated	

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma	-	Potential Source of Roadfill	•	Potential Source of Topsoil	e
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
21B:							
Goldsboro	5	Not Rated		Not Rated		Not Rated	
Mattaponi	5	Not Rated		Not Rated		Not Rated	
Savannah	5	Not Rated		Not Rated		Not Rated	
21C2:							
Faceville	45	Poor		Fair		Poor	
		Wind erosion	0.00	Low strength	0.22	Too Clayey	0.00
		Low content of	0.00			Slope	0.63
		organic matter				Too acid	0.98
		Too clayey	0.00				
Varina	35	Poor		Poor		Poor	
		Low content of	0.00	Low strength	0.00	Too Clayey	0.00
		organic matter				Slope	0.63
		Too clayey	0.00			Too acid	0.88
		Too acid	0.50				
Emporia	5	Not Rated		Not Rated		Not Rated	
Goldsboro	5	Not Rated		Not Rated		Not Rated	
Mattaponi	5	Not Rated		Not Rated		Not Rated	
Savannah	5	Not Rated		Not Rated		Not Rated	
22B:							
Fluvanna	80	Poor		Poor		Poor	
		Low content of	0.00	Low strength	0.00	Too Clayey	0.00
		organic matter		Shrink-swell	0.87	Too acid	0.88
		Too clayey	0.00				
		Too acid	0.32				
Nason	5	Not Rated		Not Rated		Not Rated	
Orange	5	Not Rated		Not Rated		Not Rated	
Poindexter	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
22C2:							
Fluvanna	80	Poor		Poor		Poor	
		Low content of	0.00	Low strength	0.00	Too Clayey	0.00
		organic matter		Shrink-swell	0.87	Slope	0.63
		Too clayey	0.00			Too acid	0.88
		Too acid	0.32				
Colfax	4	Not Rated		Not Rated		Not Rated	
	•						



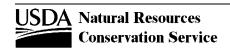
Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill	•	Potential Source of Topsoil	e
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
22C2:							
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated		Not Rated	
Poindexter	4	Not Rated		Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated		Not Rated	
22D2:							
Fluvanna	80	Poor		Poor		Poor	
		Low content of	0.00	Low strength	0.00	Slope	0.00
		organic matter		Slope	0.50	Too Clayey	0.00
		Too clayey Too acid	0.00 0.32	Shrink-swell	0.87	Too acid	0.88
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Louisburg	4	Not Rated		Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated		Not Rated	
Poindexter	4	Not Rated		Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated		Not Rated	
23:							
Fluvaquents	55	Fair		Poor		Poor	
		Too acid	0.50	Depth to saturated	0.00	Depth to saturated	0.00
				zone		zone	
						Rock fragments	0.50
						Too acid	0.88
Udifluvents	30	Fair		Fair		Poor	
		Too acid	0.50	Depth to saturated	0.89	Rock fragments	0.00
				zone		Hard to reclaim	0.08
						Too acid	0.88
Altavista	5	Not Rated		Not Rated		Not Rated	
Aquults	4	Not Rated		Not Rated		Not Rated	
Partlow	3	Not Rated		Not Rated		Not Rated	
Wickham	3	Not Rated		Not Rated		Not Rated	
24:							
Goldsboro	75	Poor		Fair		Fair	
		Low content of	0.00	Depth to saturated	0.89	Too acid	0.60
		organic matter		zone		Depth to saturated	0.89
		Too acid	0.12			zone	

Map Symbol and Soil Name	Pct of	Potential Sourc of Reclaimation Ma		Potential Source of Roadfill		Potential Source of Topsoil	e
and John Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
24:							
Aquults	7	Not Rated		Not Rated		Not Rated	
Emporia	6	Not Rated		Not Rated		Not Rated	
Savannah	6	Not Rated		Not Rated		Not Rated	
Suffolk	6	Not Rated		Not Rated		Not Rated	
25B:							
Kempsville	80	Poor Low content of organic matter Too acid Droughty	0.00 0.32 0.99	Good		Poor Rock fragments Hard to reclaim Too acid	0.00 0.08 0.88
Bama	5	Not Rated		Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated		Not Rated	
Faceville	5	Not Rated		Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated		Not Rated	
25C:							
Kempsville	85	Poor Low content of organic matter Too acid Droughty	0.00 0.32 0.99	Good		Poor Rock fragments Hard to reclaim Slope	0.00 0.08 0.63
Emporia	4	Not Rated		Not Rated		Not Rated	
Faceville	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Varina	3	Not Rated		Not Rated		Not Rated	
25D:							
Kempsville	80	Poor Low content of organic matter Too acid Droughty	0.00 0.32 0.99	Fair Slope	0.50	Poor Slope Rock fragments Hard to reclaim	0.00 0.00 0.08
Dystrochrepts	7	Not Rated		Not Rated		Not Rated	
Fluvaquents	7	Not Rated		Not Rated		Not Rated	
Udults	6	Not Rated		Not Rated		Not Rated	
26C:							

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Sourc of Roadfill	е	Potential Source of Topsoil	ce
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26C: LaRoque	75	Poor Low content of organic matter Too acid Droughty	0.00 0.50 0.62	Poor Depth to bedrock	0.00	Fair Too acid Slope Depth to bedrock	0.60 0.63 0.84
Brockroad	5	Not Rated		Not Rated		Not Rated	
Margo	5	Not Rated		Not Rated		Not Rated	
Nason	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	
26D: LaRoque	75	Poor Low content of organic matter Too acid Droughty	0.00 0.50 0.62	Poor Depth to bedrock Slope	0.00 0.50	Poor Slope Too acid Depth to bedrock	0.00 0.60 0.84
Brockroad	5	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Margo	5	Not Rated		Not Rated		Not Rated	
Nason	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
26E: LaRoque	75	Poor Low content of organic matter Too acid Droughty	0.00 0.50 0.62	Poor Depth to bedrock Slope	0.00 0.00	Poor Slope Too acid Depth to bedrock	0.00 0.60 0.84
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Margo	5	Not Rated		Not Rated		Not Rated	
Nason	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	
27C:							

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Sourc of Roadfill	е	Potential Source of Topsoil	ce
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
27C: Louisburg	75	Poor Low content of organic matter Droughty Depth to bedrock	0.00 0.00 0.26	Poor Depth to bedrock	0.00	Fair Depth to bedrock Slope Rock fragments	0.26 0.63 0.88
Appling	5	Not Rated		Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated		Not Rated	
Margo	5	Not Rated		Not Rated		Not Rated	
Pacolet	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	
27D: Louisburg	75	Poor Low content of organic matter Droughty Depth to bedrock	0.00 0.00 0.26	Poor Depth to bedrock Slope	0.00 0.50	Poor Slope Depth to bedrock Rock fragments	0.00 0.26 0.88
Appling	5	Not Rated		Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated		Not Rated	
Margo	5	Not Rated		Not Rated		Not Rated	
Pacolet	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	
27E: Louisburg	75	Poor Low content of organic matter Droughty Depth to bedrock	0.00 0.00 0.26	Poor Depth to bedrock Slope	0.00 0.00	Poor Slope Depth to bedrock Rock fragments	0.00 0.26 0.88
Appling	5	Not Rated		Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated		Not Rated	
Margo	5	Not Rated		Not Rated		Not Rated	
Pacolet	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	
28B:							

Map Symbol and Soil Name	Pct of	Potential Sourc of Reclaimation Ma			e	Potential Source of Topsoil	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
28B:	•		•				
Margo	80	Poor Low content of organic matter Too acid	0.00 0.32	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.53 0.87	Fair Depth to saturated zone Too acid	0.53 0.88
LaRoque	5	Not Rated		Not Rated		Not Rated	
Nason	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	
29B:							
Masada	85	Poor Low content of organic matter Too clayey Too acid	0.00 0.00 0.50	Poor Low strength Shrink-swell	0.00 0.91	Poor Too Clayey Too acid	0.00 0.88
Appling	3	Not Rated		Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated		Not Rated	
Nason	3	Not Rated		Not Rated		Not Rated	
Tatum	3	Not Rated		Not Rated		Not Rated	
Turbeville	3	Not Rated		Not Rated		Not Rated	
29C2:							
Masada	80	Poor Low content of organic matter Too clayey Too acid	0.00 0.00 0.50	Poor Low strength Shrink-swell	0.00 0.91	Poor Too Clayey Slope Too acid	0.00 0.63 0.88
Appling	4	Not Rated		Not Rated		Not Rated	
Cecil	4	Not Rated		Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated		Not Rated	
Turbeville	4	Not Rated		Not Rated		Not Rated	
30B:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill		Potential Source of Topsoil	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
30B:							
Mattaponi	80	Poor		Poor		Poor	
		Too clayey Low content of organic matter	0.00 0.13	Low strength Shrink-swell	0.00 0.98	Too Clayey Too acid	0.00 0.88
		Too acid	0.32				
Faceville	7	Not Rated		Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated		Not Rated	
Savannah	6	Not Rated		Not Rated		Not Rated	
31C2:							
Mattaponi	80	Poor		Poor		Poor	
		Too clayey Low content of	0.00 0.13	Low strength Shrink-swell	0.00 0.98	Too Clayey	0.00 0.63
		organic matter	0.13	Shirik-swell	0.96	Slope Too acid	0.88
		Too acid	0.32			. 00 00.0	0.00
Faceville	7	Not Rated		Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated		Not Rated	
Savannah	6	Not Rated		Not Rated		Not Rated	
32B:							
Nason	80	Poor		Poor		Fair	
		Low content of organic matter	0.00	Low strength Depth to bedrock	0.00 0.92	Too Clayey Too acid	0.01 0.88
		Too clayey	0.02	Shrink-swell	>0.92	Hard to reclaim	0.88
		Too acid	0.50	C.III.III CIICI	0.00	. iai a to rooiaiii	0.02
Brockroad	7	Not Rated		Not Rated		Not Rated	
Catharpin	7	Not Rated		Not Rated		Not Rated	
LaRoque	6	Not Rated		Not Rated		Not Rated	
32C2:							
Nason	80	Poor		Poor		Fair	
		Low content of	0.00	Low strength	0.00	Too Clayey	0.01
		organic matter Too clayey	0.02	Depth to bedrock	0.92	Slope	0.63
		Too clayey Too acid	0.50	Shrink-swell	>0.99	Too acid	0.88
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
LaRoque	5	Not Rated		Not Rated		Not Rated	
Partlow	5	Not Rated		Not Rated		Not Rated	

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat		Potential Source of Roadfill	Э	Potential Source of Topsoil	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
32C2:							
Tatum	5	Not Rated		Not Rated		Not Rated	
32D2:							
Nason	80	Poor		Poor		Poor	
		Low content of	0.00	Low strength	0.00	Slope	0.00
		organic matter	0.00	Slope	0.50	Too Clayey	0.01
		Too clayey Too acid	0.02 0.50	Depth to bedrock	0.92	Too acid	0.88
Fluvaquents	7	Not Rated		Not Rated		Not Rated	
LaRoque	7	Not Rated		Not Rated		Not Rated	
Tatum	6	Not Rated		Not Rated		Not Rated	
33B:							
Orange	55	Poor		Poor		Poor	
		Low content of	0.00	Low strength	0.00	Too Clayey	0.00
		organic matter	0.00	Shrink-swell	0.36	Depth to saturated	0.53
		Too clayey Too acid	0.00 0.84	Depth to saturated zone	0.53	zone	
Iredell	30	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of	0.13	Low strength	0.00	Depth to saturated	0.14
		organic matter Too acid	0.97	Depth to saturated zone	0.14	zone	
Cullen	5	Not Rated		Not Rated		Not Rated	
Fluvanna	5	Not Rated		Not Rated		Not Rated	
Poindexter	5	Not Rated		Not Rated		Not Rated	
33C2:							
Orange	55	Poor		Poor		Poor	
		Low content of	0.00	Low strength	0.00	Too Clayey	0.00
		organic matter	0.00	Shrink-swell	0.36	Depth to saturated	0.53
		Too clayey Too acid	0.00 0.84	Depth to saturated	0.53	zone Slope	0.63
		100 aciu	0.04	zone		Slope	0.03
Iredell	30	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of	0.13	Low strength	0.00	Depth to saturated	0.14
		organic matter Too acid	0.97	Depth to saturated zone	0.14	zone Slope	0.63
Cullen	5	Not Rated		Not Rated		Not Rated	
Fluvanna	5	Not Rated		Not Rated		Not Rated	

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill)	Potential Source of Topsoil	
aa coa	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
33C2:	•		•		•		
Poindexter	5	Not Rated		Not Rated		Not Rated	
34B:							
Partlow	80	Poor Low content of	0.00	Poor Depth to saturated	0.00	Poor Depth to saturated	0.00
		organic matter	0.00	zone	0.00	zone	0.00
		Too acid	0.32			Too acid	0.88
Abell	10	Not Rated		Not Rated		Not Rated	
Colfax	10	Not Rated		Not Rated		Not Rated	
35C:							
Poindexter	80	Poor		Poor		Fair	
		Low content of organic matter	0.00	Depth to bedrock Low strength	0.00 0.22	Depth to bedrock Slope	0.26 0.63
		Droughty Depth to bedrock	0.24 0.26			2.5,7	
Cullen	5	Not Rated		Not Rated		Not Rated	
Fluvanna	5	Not Rated		Not Rated		Not Rated	
Iredell	5	Not Rated		Not Rated		Not Rated	
Orange	5	Not Rated		Not Rated		Not Rated	
35D:							
Poindexter	80	Poor		Poor		Poor	
		Low content of organic matter	0.00	Depth to bedrock Low strength	0.00 0.22	Slope Depth to bedrock	0.00 0.26
		Droughty Depth to bedrock	0.24 0.26	Slope	0.50	Dopar to Boardon	0.20
0.11		·	0.20				
Cullen	4	Not Rated		Not Rated		Not Rated	
Fluvanna	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Louisburg	4	Not Rated		Not Rated		Not Rated	
Partlow	4	Not Rated		Not Rated		Not Rated	
35E:							
Poindexter	75	Poor	0.00	Poor	0.00	Poor	0.00
		Low content of organic matter	0.00	Depth to bedrock Slope	0.00	Slope Depth to bedrock	0.00
		Droughty	0.24	Low strength	0.22	·	
		Depth to bedrock	0.26				



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma	Potential Source of Reclaimation Material		Potential Source of Roadfill		Э
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
35E:	•						•
Fluvaquents	13	Not Rated		Not Rated		Not Rated	
Louisburg	12	Not Rated		Not Rated		Not Rated	
36A:							
Savannah	80	Poor		Poor		Fair	
		Droughty	0.00	Depth to cemented	0.00	Hard to reclaim	0.03
		Depth to cemented pan	0.03	pan Depth to saturated	0.53	Depth to cemented pan	0.03
		Too acid	0.50	zone	0.55	Depth to saturated zone	0.53
Faceville	7	Not Rated		Not Rated		Not Rated	
Goldsboro	7	Not Rated		Not Rated		Not Rated	
Partlow	6	Not Rated		Not Rated		Not Rated	
36B:							
Savannah	80	Poor		Poor		Fair	
		Droughty	0.00	Depth to cemented	0.00	Hard to reclaim	0.03
		Depth to cemented pan	0.03	pan Depth to saturated	0.53	Depth to cemented pan	0.03
		Too acid	0.50	zone	0.00	Depth to saturated zone	0.53
Faceville	7	Not Rated		Not Rated		Not Rated	
Goldsboro	7	Not Rated		Not Rated		Not Rated	
Partlow	6	Not Rated		Not Rated		Not Rated	
37B:							
Spotsylvania	80	Poor		Poor		Poor	
		Low content of	0.00	Low strength	0.00	Too Clayey	0.00
		organic matter Too clayey	0.00	Shrink-swell	0.98	Too acid	0.88
		Too acid	0.32				
Appling	5	Not Rated		Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated		Not Rated	
Faceville	5	Not Rated		Not Rated		Not Rated	
Savannah	5	Not Rated		Not Rated		Not Rated	
37C:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
37C: Spotsylvania	80	Poor Low content of organic matter Too clayey Too acid	0.00 0.00 0.32	Poor Low strength Shrink-swell	0.00 0.98	Poor Too Clayey Slope Too acid	0.00 0.63 0.88
Appling	5	Not Rated		Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated		Not Rated	
Faceville	5	Not Rated		Not Rated		Not Rated	
Savannah	5	Not Rated		Not Rated		Not Rated	
38B: Suffolk	80	Fair Low content of organic matter Too acid	0.13 0.21	Good		Fair Too acid	0.76
Aquults	10	Not Rated		Not Rated		Not Rated	
Goldsboro	10	Not Rated		Not Rated		Not Rated	
39B: Tatum	80	Poor Low content of organic matter Too clayey Too acid	0.00 0.00 0.50	Poor Low strength Depth to bedrock Shrink-swell	0.00 0.12 0.97	Poor Too Clayey Too acid	0.00 0.88
Abell	7	Not Rated		Not Rated		Not Rated	
Brockroad	7	Not Rated		Not Rated		Not Rated	
Catharpin	6	Not Rated		Not Rated		Not Rated	
39C2: Tatum	80	Poor Low content of organic matter Too clayey Too acid	0.00 0.00 0.50	Poor Low strength Depth to bedrock Shrink-swell	0.00 0.12 0.97	Poor Too Clayey Slope Too acid	0.00 0.63 0.88
Abell	5	Not Rated		Not Rated		Not Rated	
Brockroad	5	Not Rated		Not Rated		Not Rated	
Catharpin	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
39D2:							
Tatum	80	Poor		Poor		Poor	
		Low content of organic matter	0.00	Low strength Depth to bedrock	0.00 0.12	Slope Too Clayey	0.00
		Too clayey	0.00	Slope	0.12	Too Clayey Too acid	0.00
		Too acid	0.50	0.000	0.00	. 00 00:0	0.00
Abell	7	Not Rated		Not Rated		Not Rated	
LaRoque	7	Not Rated		Not Rated		Not Rated	
Toddstav	6	Not Rated		Not Rated		Not Rated	
40:							
Tetotum variant	85	Poor		Fair		Fair	
		Low content of organic matter	0.00	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.21			Too acid	0.76
Wickham	8	Not Rated		Not Rated		Not Rated	
Aquults	7	Not Rated		Not Rated		Not Rated	
41:							
Toccoa	85	Poor		Good		Good	
		Wind erosion	0.00				
		Low content of organic matter	0.00				
		Too acid	0.84				
Abell	4	Not Rated		Not Rated		Not Rated	
Aquults	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Wickham	3	Not Rated		Not Rated		Not Rated	
42B:							
Toddstav	85	Poor		Poor		Poor	
		Low content of organic matter	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.12	Shrink-swell	0.91	Too acid	0.60
		Water erosion	0.90				
LaRoque	4	Not Rated		Not Rated		Not Rated	
Margo	4	Not Rated		Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated		Not Rated	



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	•	Potential Sourc of Topsoil	e
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
43B: Turbeville	80	Poor Low content of	0.00	Poor Low strength	0.00	Poor Too Clayey	0.00
		organic matter Too clayey Too acid	0.00 0.50	2011 oli 011 gli	0.00	Too acid	0.88
Appling	4	Not Rated		Not Rated		Not Rated	
Cecil	4	Not Rated		Not Rated		Not Rated	
Masada	4	Not Rated		Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated		Not Rated	
43C2: Turbeville	80	Poor		Poor		Poor	
		Low content of organic matter Too clayey Too acid	0.00 0.00 0.50	Low strength	0.00	Too Clayey Slope Too acid	0.00 0.63 0.88
Appling	4	Not Rated		Not Rated		Not Rated	
Cecil	4	Not Rated		Not Rated		Not Rated	
Masada	4	Not Rated		Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated		Not Rated	
44: Udorthents	100	Not Rated		Not Rated		Not Rated	
45B: Udorthents	50	Not Rated		Not Rated		Not Rated	
Udifluvents	35	Fair Too acid	0.50	Fair Depth to saturated zone	0.89	Poor Rock fragments Hard to reclaim Too acid	0.00 0.08 0.88
Goldsboro	8	Not Rated		Not Rated		Not Rated	
Aquults	7	Not Rated		Not Rated		Not Rated	
46: Urban land	55	Not Rated		Not Rated		Not Rated	

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
46:							
Udults	45	Fair	0.40	Good		Fair	0.50
		Too acid Low content of organic matter	0.12 0.13			Rock fragments Too acid	0.50 0.60
47E:							
Watt	80	Poor		Poor		Poor	
		Low content of	0.00	Depth to bedrock	0.00	Slope	0.00
		organic matter Droughty	0.00	Slope Cobble content	0.00 0.32	Rock fragments Too acid	0.00 0.60
		Too acid	0.50	Cobble content	0.32	100 acid	0.00
Brockroad	4	Not Rated		Not Rated		Not Rated	
Catharpin	4	Not Rated		Not Rated		Not Rated	
LaRoque	4	Not Rated		Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated		Not Rated	
48A:							
Wickham	80	Poor		Good		Fair	
		Low content of	0.00			Too acid	0.98
		organic matter Too acid	0.54				
Altavista	10	Not Rated		Not Rated		Not Rated	
Aquults	10	Not Rated		Not Rated		Not Rated	
48B:							
Wickham	80	Poor		Good		Fair	
		Low content of organic matter	0.00			Too acid	0.98
		Too acid	0.54				
Altavista	10	Not Rated		Not Rated		Not Rated	
Aquults	10	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	